TEJUS
CONSULTANTS

DATE: 10/06/19

Name of the work: 1. Improvements to Roads and Drains of Sahakaranagar A,E,F,G Blocks and Surrounding areas in Ward No. 07 Byatarayanapura 2. Improvements to Roads and Drains of Byregowda Layout and other Surrounding areas in Ward No. 07 Byatarayanapura 3. Improvements to roads and drains at UAS Layout in Ward No.07

Contractor/Agency : HONNAPPA MURTHY

Name of the Client : Executive Engineer, Yalahanka Project Division BBMP, Bangalore.

Estimated Cost : Rs 200 Lakhs

Nature of Bill : 1st and final bill

Details Presence of : (a) Mr. Anjaneyalu B.R
Assistant Engineer, BBMP, Bangalore.
: (b) Mr. Naveen Kumar
Assistant Executive Engineer, BBMP, Bangalore
: (c) Mr. Somesh, Site Engineer
M/s Tejus Consultants

Item No.	Description of Item of Work	Unit
	0250003 WG00-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.24, I.No.19.1 of PW, P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory
	Removing and refixing stone slabs of drains and pointing as(2003)(P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory

TEJUS CONSULTANTS

No.1, 1st Stage, HMT Colony, Basaveshwaranagar, Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.com

3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory
4	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 comes. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quantity is satisfactory
5	KSRB 5-14: Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size-40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications (P.No.25, I.No.5.26.2 of PW, P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory
6	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. Specification No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)	Work done up to the billed quantity and quantity is satisfactory
7	KSRB 15.1.1 Providing flush pointing to square rubble, coarse or uncoursed stone masonry with cement mortar (1:3) 20mm deep, after raking joints to depth of 20mm ready lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)	Work done up to the billed quantity and quantity is satisfactory

TEJUS CONSULTANTS

8	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quantity is satisfactory
9	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory
10	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory
11	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Work done up to the billed quantity and quantity is satisfactory
12	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)	Work done up to the billed quantity and quantity is satisfactory
13	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications.	Work done up to the billed quantity and quantity is satisfactory

TEJUS CONSULTANTS, 1st Stage KHB Colony, Basaveshwaranagar, Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.com

	MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW_P&ITWTD SR 2016-17)	TEJUS CONSULTANTS
	[illegible]	Work done up to the billed quantity and quantity is satisfactory
	[illegible]	Work done up to the billed quantity and quantity is satisfactory
	[illegible]	Work done up to the billed quantity and quantity is satisfactory
	[illegible]	Work done up to the billed quantity and quantity is satisfactory

Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.com

	(P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)	TEJUS CONSULTANTS
18	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)	Work done up to the billed quantity and quantity is satisfactory
E1	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.18, I.No.4.46.2 of PW, P&IWTD SR 2018-19)	Work done up to the billed quantity and quantity is satisfactory
E2	Providing laying plain/ reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kegs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specification (P.No.275, I.No.37.59.2 of PW, P&IWTD SR 2018-19)	Work done up to the billed quantity and quantity is satisfactory

TEJUS CONSULTANTS

E3	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.160 I.No. 21.17.6 of PW,P&IWTD S.R 2018-19)	Work done up to the billed quantity and quantity is satisfactory
E4	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation tee.,complete. (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2018-19)	Work done up to the billed quantity and quantity is satisfactory